

**PAPIO-MISSOURI RIVER
NATURAL
RESOURCES
DISTRICT**



8901 S. 154TH ST.
OMAHA, NE 68138-3621
(402) 444-6222
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**Platte River Ice Thickness
Along Union Dike
Near Valley**

Date		Average Thickness (Inches)
<hr/>		<hr/>
2001	January 3	15
	January 10	15
	January 24	16
	February 7	17
	February 21	19
	March 7	20
1997	February 11	17
1996	February 6	18
1994	February 8	25
	February 28	18
1993	January 27	12
	March 1	18

Memorandum

To: File 536

From: Ron Lehman, O&M Superintendent

Date: March 7, 2001

Re: Platte River Ice Thickness Measurements Along Union Dike

On March 7, 2001, Jason Schnell and the writer took ice thickness measurements on the Platte River. The measurements were taken perpendicular to the river flow, near the dike on the Werner Property, at approximately Station 197+24 (1.9 miles upstream of Highway 64).

A gas powered auger was used to drill the holes. The location of the holes on the table below are measured (stepped off) from the east bank of the Platte River.

Distance From East Bank (Feet)	Ice Thickness (Inches)	Depth From Top Of Ice To River Bed (Inches)
36	23.0	63.0
136	24.0	35.0
286	18.5	41.0
436	18.0	46.0
586	18.5	55.0
786	20.5	42.0
*936	14.0	81.0

Bored Hole Where Ice Was Dusted		
**380	16.5	55

*This hole is located about 100 feet from the west bank of the river.

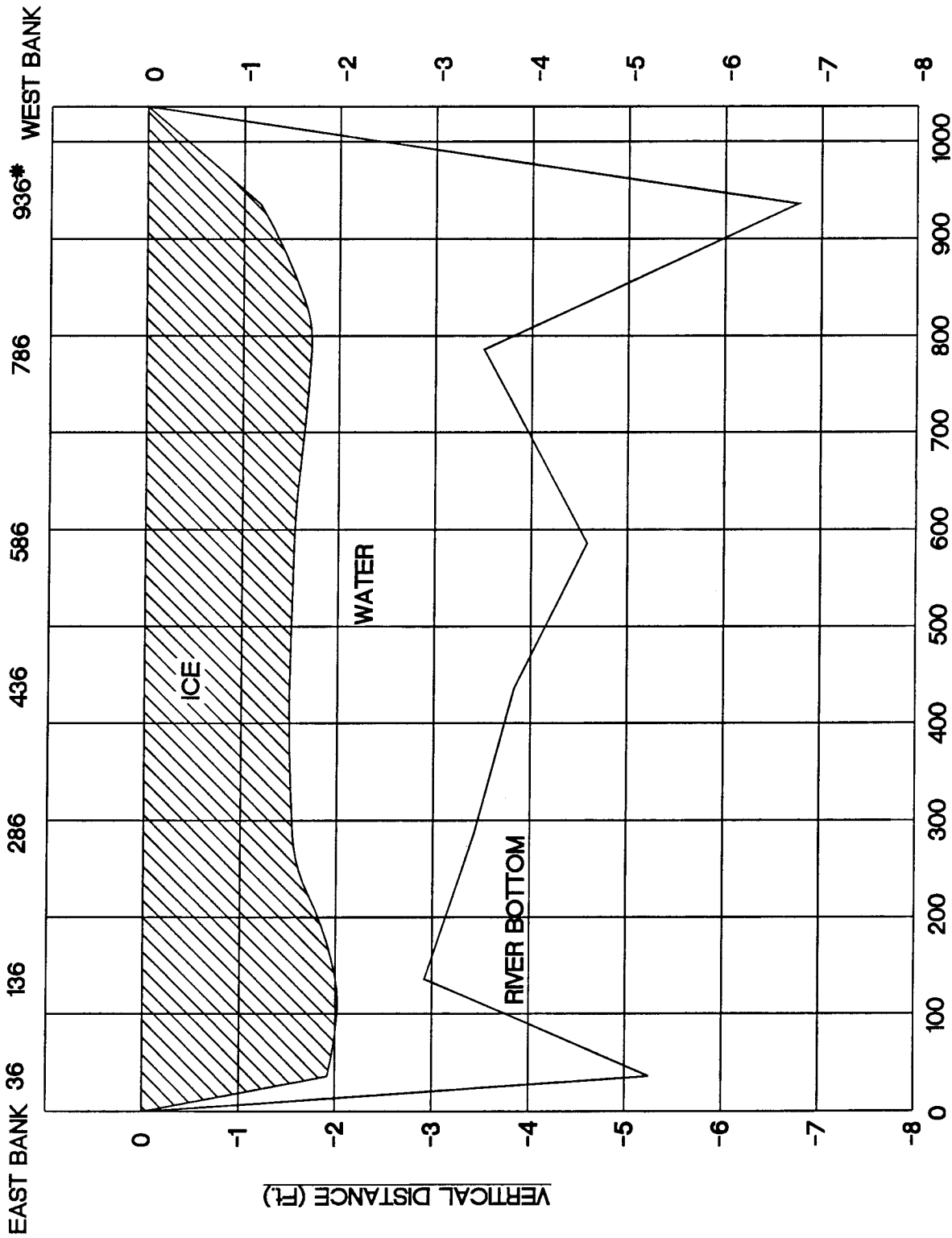
**Refrozen - no water on ice where dusted. Difficult to tell how wide dusting area is.

cc: Steve Oltmans, Marlin Petermann, Martin Cleveland, P-MRNRD
Cindy Newsham, NEMA
Brian Dunnigan, NDNR
Jeff Reese, NWS
Janelle Mavis, COE

RL:MC:jb:23501 File: 536

PLATTE RIVER: STA. 197+24, Union Dike (1.9 miles upstream of Hwy. 64)

(Near the Werner Property)



* Hole location is approx. 100' from the west bank, March 7th, 2001

HORIZONTAL DISTANCE (Ft.)

WEST
Looking South

PAPIO-MISSOURI RIVER
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8901 S. 154th St.
Omaha, NE 68138-3621

Memorandum

To: File 536

From: Ron Lehman, O&M Superintendent

Date: March 7, 2001

Re: Platte River Ice Thickness Measurements Along Western Sarpy Dike

On March 7, 2001, Jason Schnell and the writer took ice thickness measurements on the Platte River. The measurements were taken perpendicular to the river flow, near Camp Ashland, approximately 0.5 miles upstream of Highway 6.

A gas powered auger was used to drill the holes. The location of the holes on the table below are measured (stepped off) from the east bank of the Platte River.

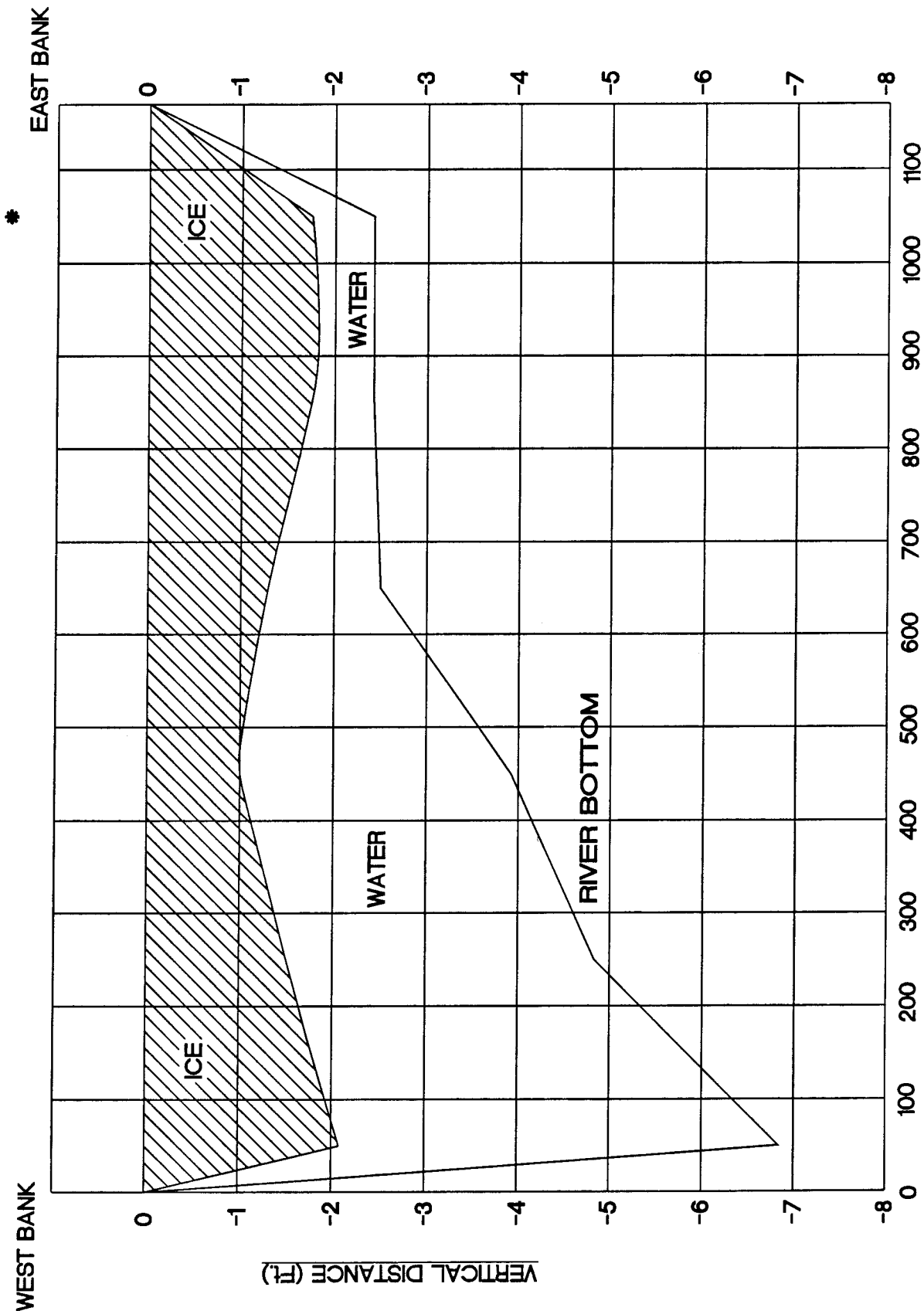
Distance From West Bank (Feet)	Ice Thickness (Inches)	Depth From Top Of Ice To River Bed (Inches)
50	25.0	82.0
250	18.0	58.0
450	12.0	47.0
650	15.5	30.0
850	21.0	29.0
*1,050	21.0	41.0
Bored Hole Where Ice Was Dusted		
**690	15	28

*This hole is located about 120 feet from east bank of the river.

**Area refrozen where dusted with coal ash. No water standing on ice.
Could see flakes of black material on ice.

Cc: Steve Oltmans, Marlin Petermann, Martin Cleveland, P-MRNRD
Cindy Newsham, NEMA
Brian Dunnigan, NDNR
Jeff Reese, NWS
Janelle Mavis, COE

PLATTE RIVER: 0.5 MILES UPSTREAM OF HWY. 6 (NEAR CAMP ASHLAND)



* Hole Location is approx. 120' from the East bank. March 7th, 2001

HORIZONTAL DISTANCE (FT.)

EAST Looking North

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